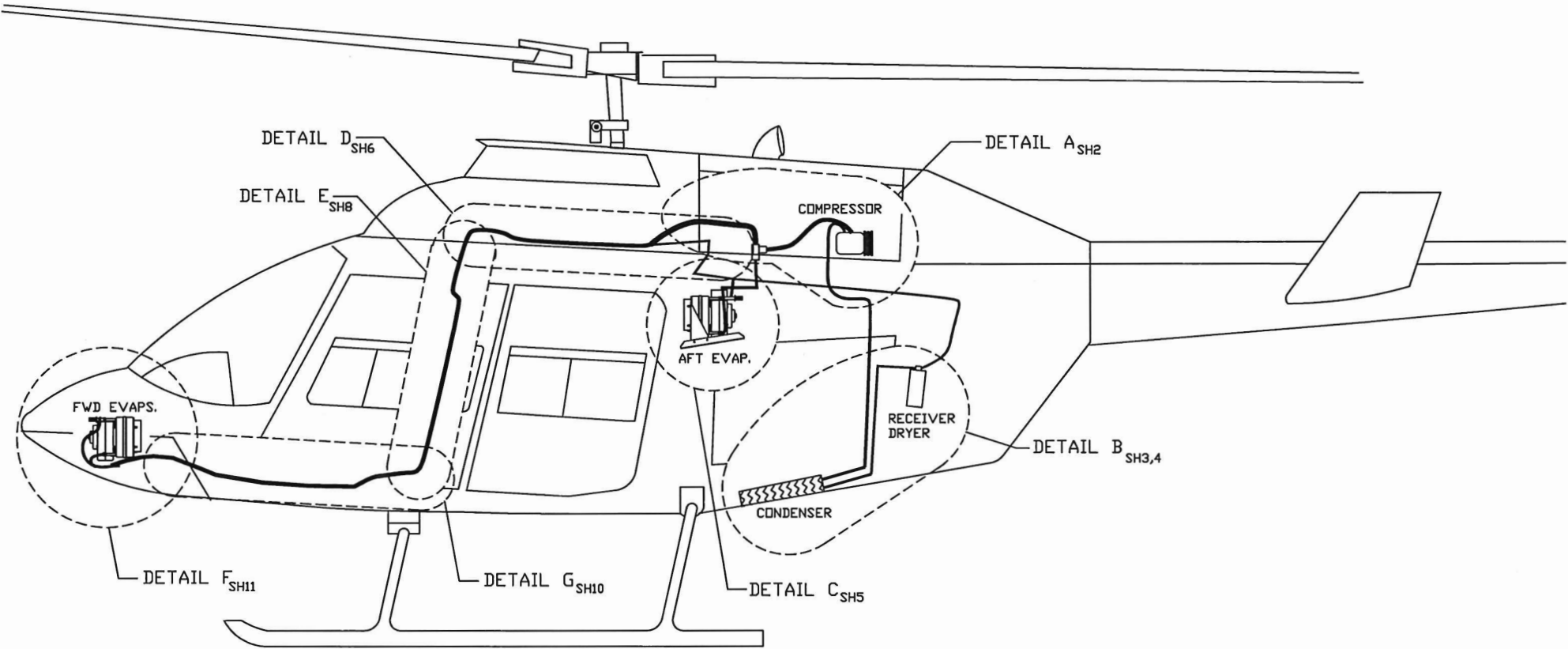


1. PERMITTED TO USE CLAMPS 1 OR 2 SIZES BIGGER OR SMALLER AS NEEDED.
2. PRECLEAN ALL MATING SURFACES OF ATTACHMENT HARDWARE AND PLATE PER BHT-ALL-SPM. SEAL USING ADHESIVE SEALANT 299-947-107, TYPE III CLASS 7, OR MIL-S-8802, CLASS B2.
3. PAINT TUBING USING A FLAT BLACK ENAMEL, OPTIONAL.
4. DO NOT APPLY SECO SEALS TO 45° FLARE FITTINGS.

SHEET	REV	ECO	DATE	DESCRIPTION	BY	CHK	APR
ALL	N/C		03/20/20	INITIAL RELEASE	DT	LS	MH
BOM, 10	A		12/07/21	UPDATED P/N FOR ITEM #6. ITEM #62 AND #65 WERE DUPLICATE P/NS, ITEM #65 REPLACED #62.	DT	ZA	DT
BOM	B		02/10/22	ITEM #66 NOW MS27039-1-15	DT	ZA	DT
BOM	C		03/24/22	ITEM #20 NOW ES45011-1	DT	EA	DT



-1 INSTALLATION

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PROTO  
N/C

Paravion®  
Technology Inc.

DIMENSIONS IN INCHES  
TOLERANCES EXCEPT  
WHERE NOTED:  
.X = ± .1  
.XX = ± .05  
.XXX = ± .010  
ANGLES = ± 1°

TITLE  
AIR CONDITIONING  
PLUMBING 206L,L1,L3,L4

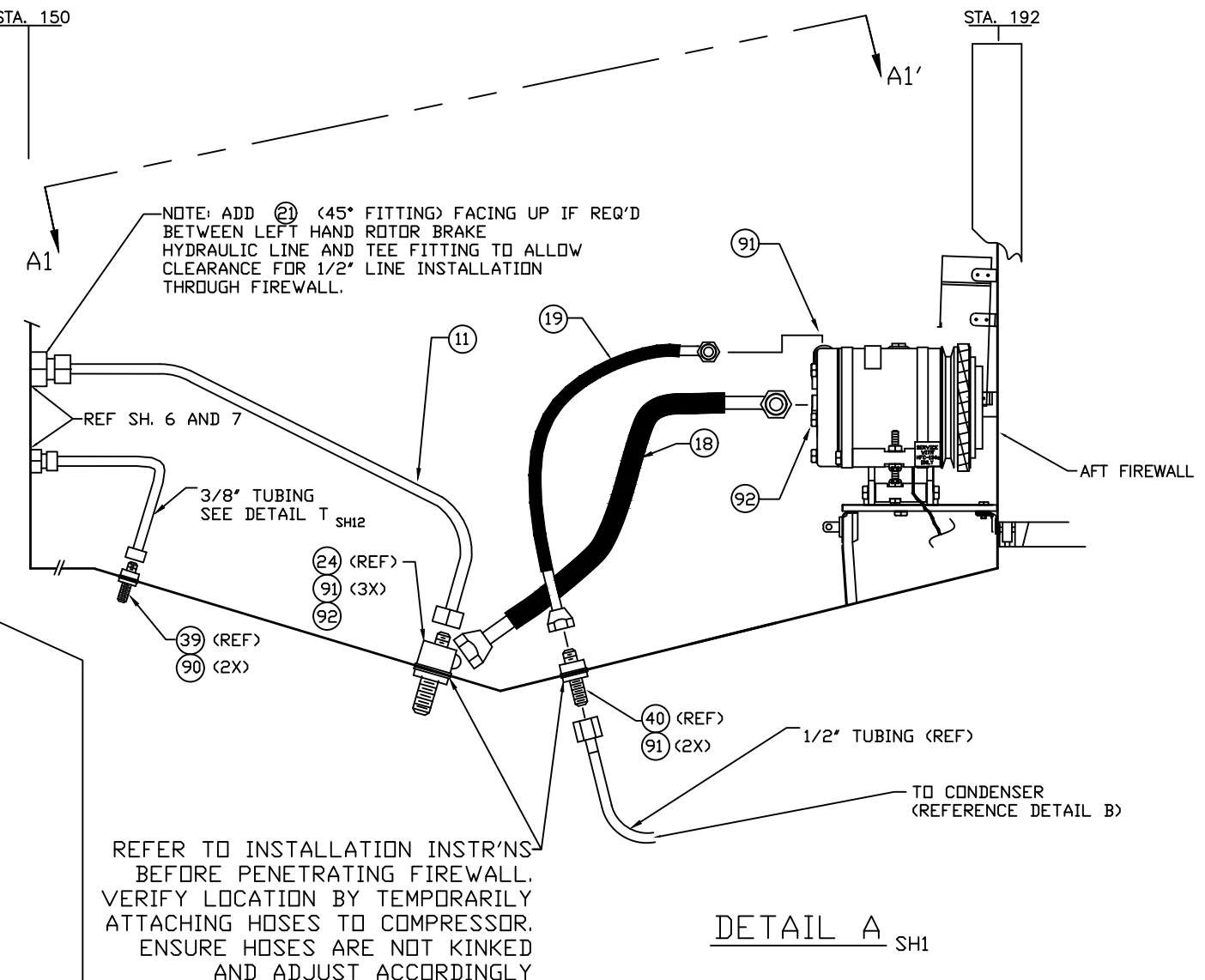
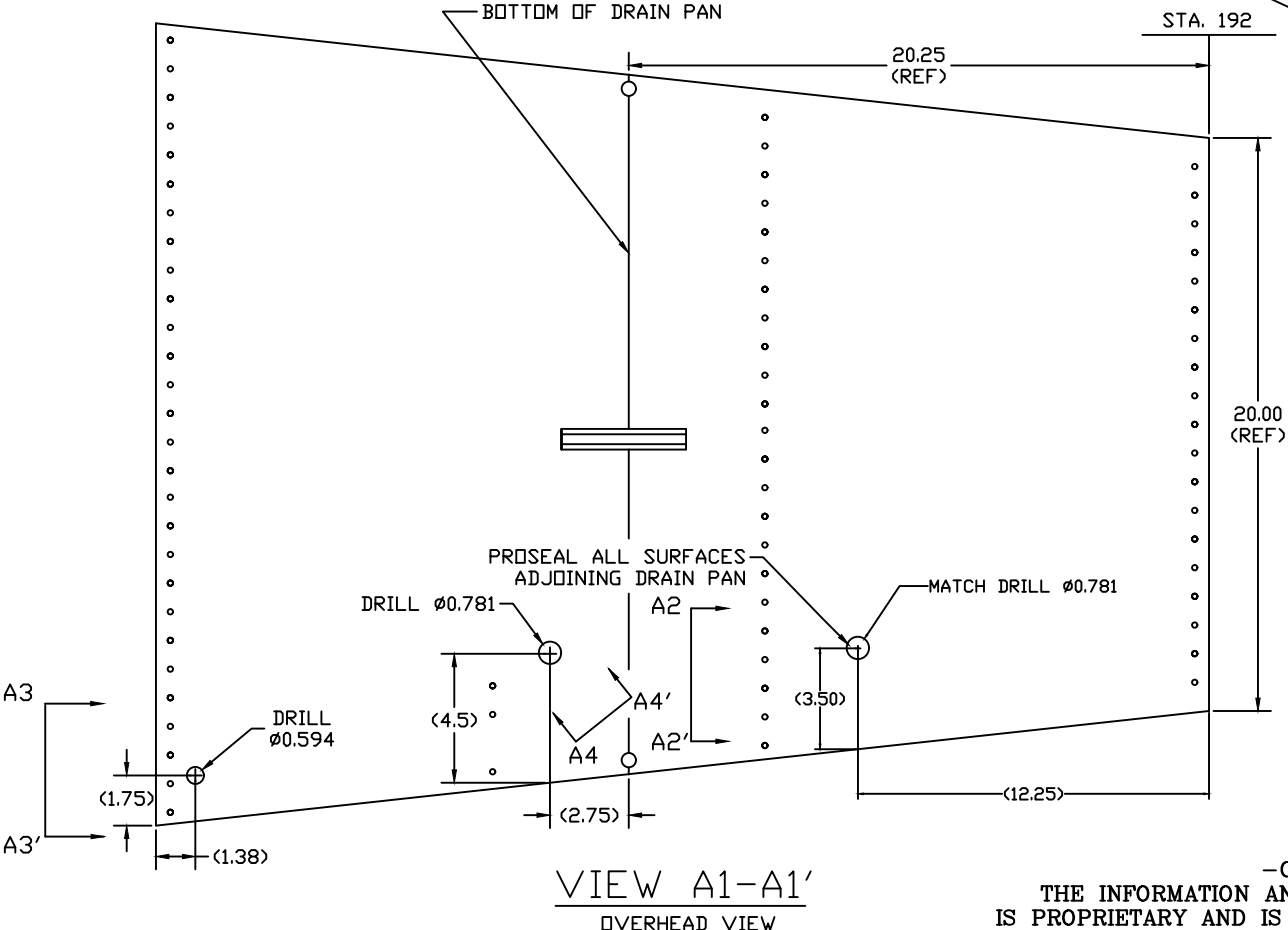
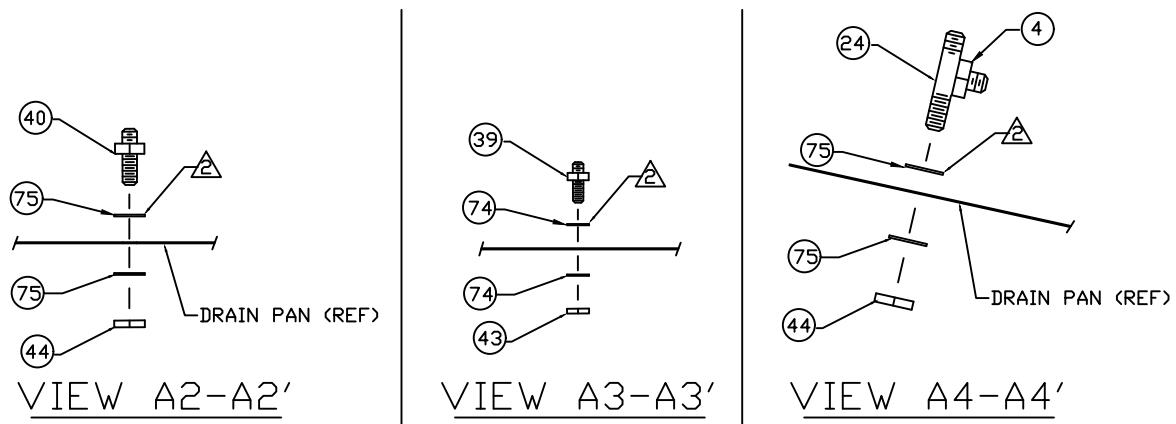
DRAWING NO.  
206AC-523

DRAWN BY DT	APRVD. BY MH	CHK'D BY LS	DATE 03/20/20	REV C	ECO
-------------------	--------------------	-------------------	------------------	----------	-----

DO NOT SCALE DRAWING

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SHEET  
1 OF 12

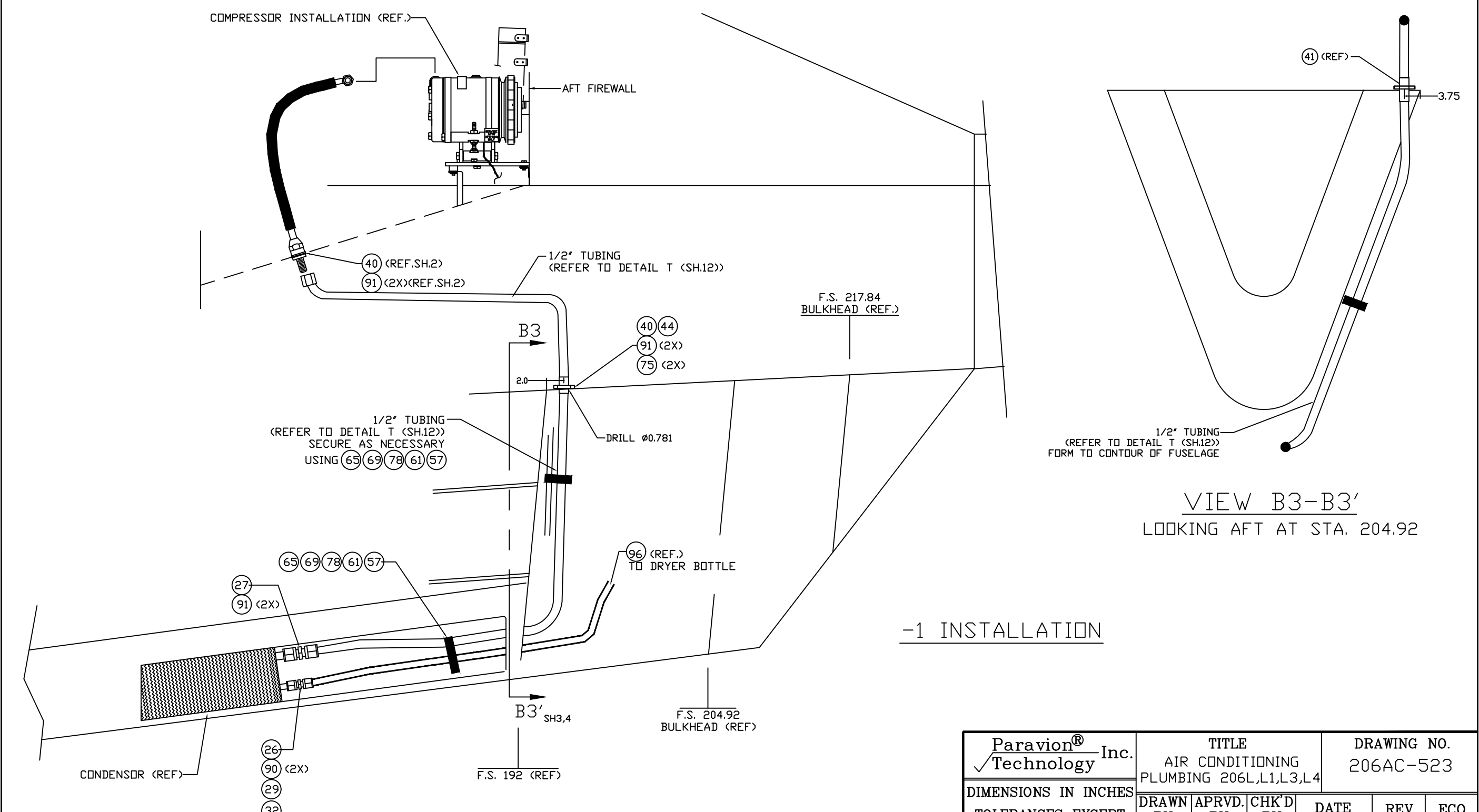


-1 INSTALLATION

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PROTO  
N/C

Paravion® Inc. Technology		TITLE AIR CONDITIONING PLUMBING 206L,L1,L3,L4		DRAWING NO. 206AC-523	
DIMENSIONS IN INCHES		DRAWN BY DT	APRVD. BY MH	CHK'D BY LS	DATE 03/20/20
TOLERANCES EXCEPT WHERE NOTED: .X = ± .1 .XX = ± .05 .XXX = ± .010 ANGLES = ± 1°		DO NOT SCALE DRAWING		REV C	ECO
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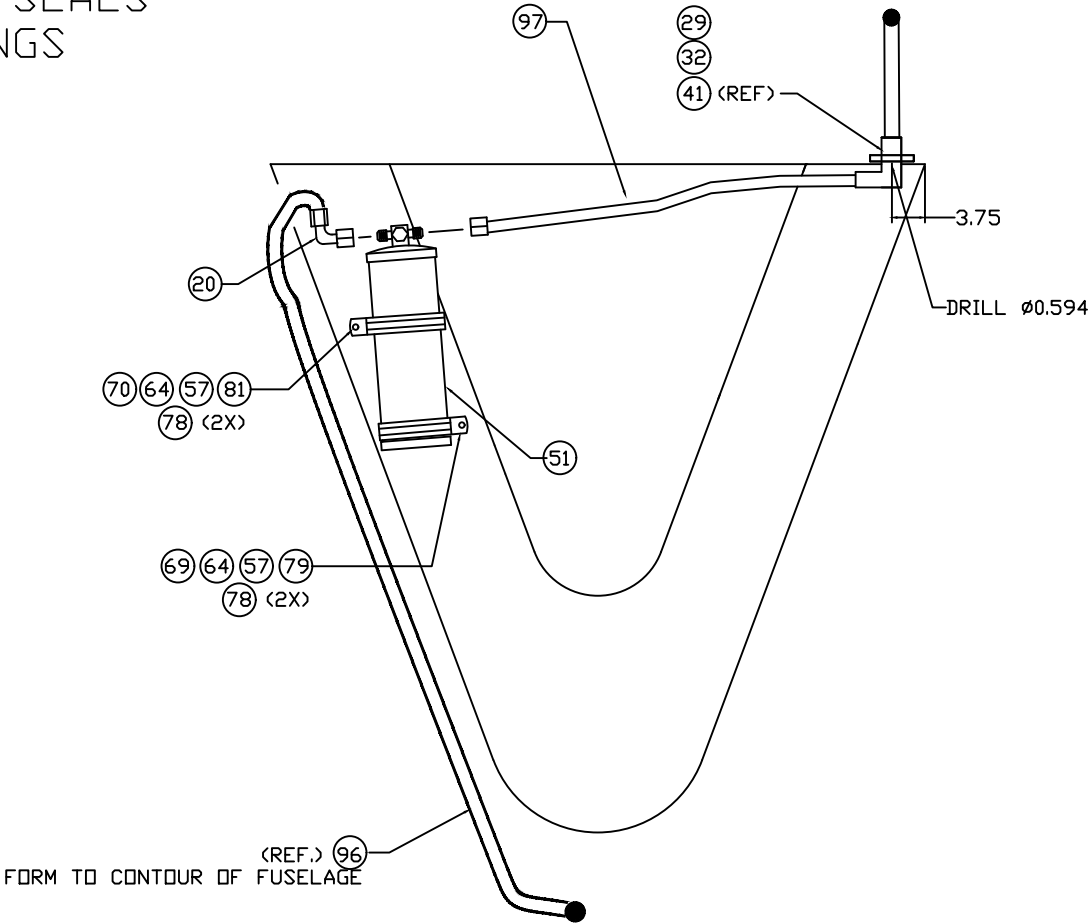
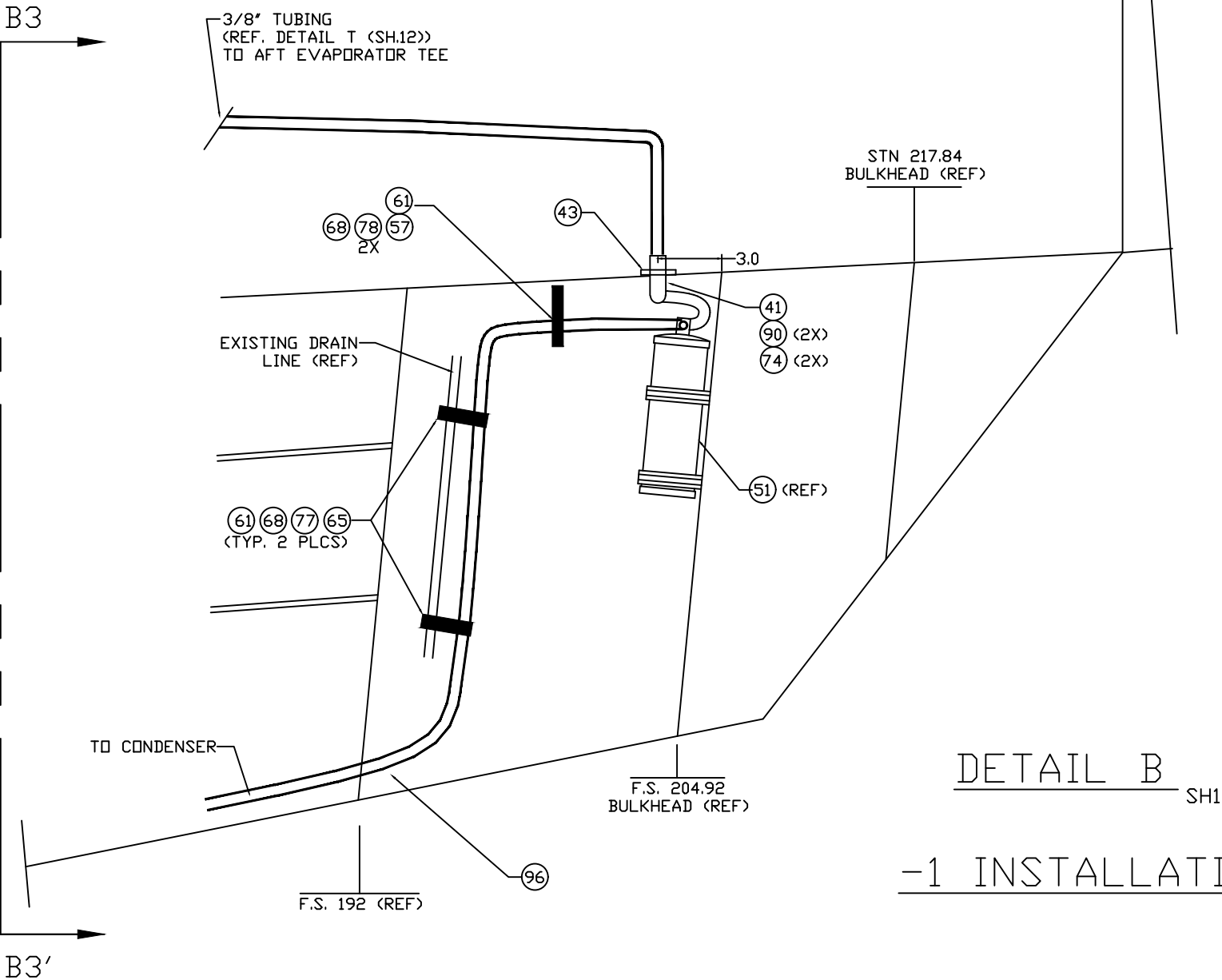
DETAIL B SH1

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PROTO  
N/C

<div>Paravion® Technology Inc.</div>		TITLE AIR CONDITIONING PLUMBING 206L,L1,L3,L4			DRAWING NO. 206AC-523			
DIMENSIONS IN INCHES								
TOLERANCES EXCEPT WHERE NOTED:  .X = ± .1 .XX = ± .05 .XXX = ± .010  ANGLES = ± 1°		DRAWN BY	APRVD. BY	CHK'D BY	DATE	REV	ECO	
		DT	MH	LS	03/20/20	C		
		DO NOT SCALE DRAWING				SHEET		
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DO NOT APPLY SECO SEALS  
TO 45° FLARE FITTINGS



VIEW B3-B3' SH3  
LOOKING AFT AT STA. 204.92

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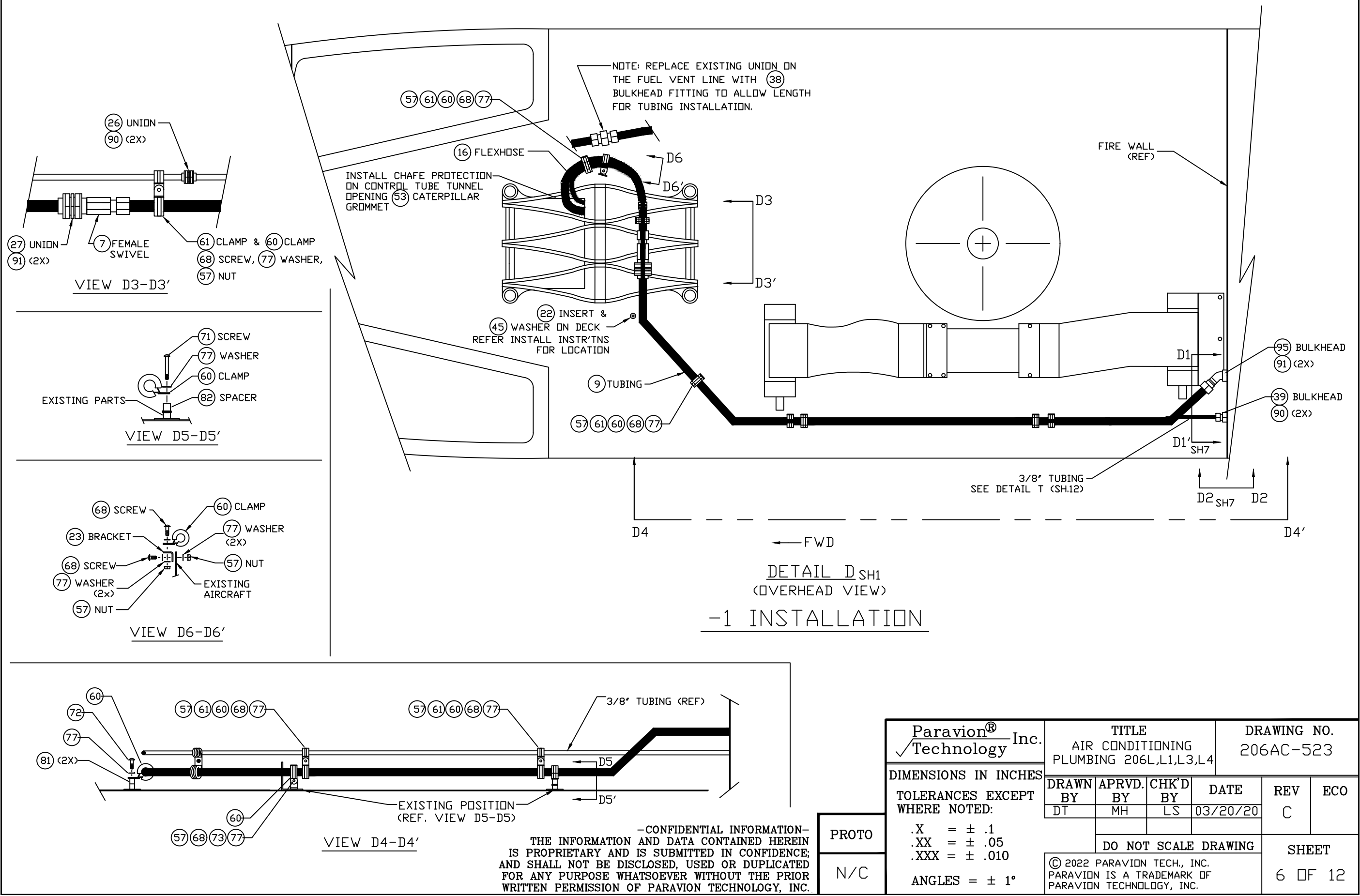
PROTO

N/C

Paravion® Inc. Technology		TITLE AIR CONDITIONING PLUMBING 206L,L1,L3,L4			DRAWING NO. 206AC-523		
DIMENSIONS IN INCHES		DRAWN BY	APRVD. BY	CHK'D BY	DATE	REV	ECO
TOLERANCES EXCEPT WHERE NOTED:		DT	MH	LS	03/20/20	C	
.X = ± .1							
.XX = ± .05							
.XXX = ± .010							
ANGLES = ± 1°							
		DO NOT SCALE DRAWING				SHEET	
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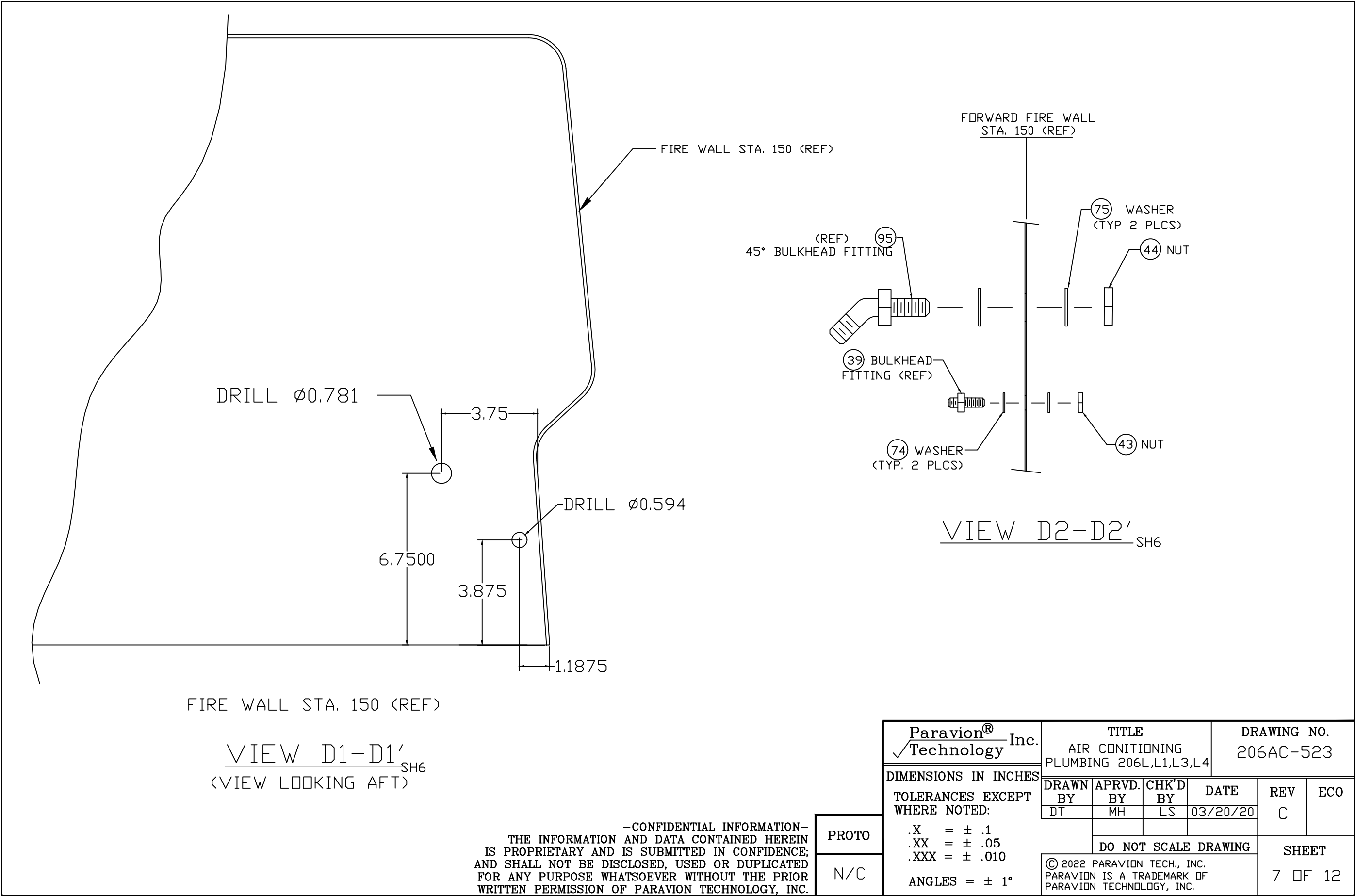




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PROTO  
N/C

<div>Paravion® Technology Inc.</div>		TITLE AIR CONDITIONING PLUMBING 206L,L1,L3,L4			DRAWING NO. 206AC-523		
DIMENSIONS IN INCHES							
TOLERANCES EXCEPT WHERE NOTED:  .X = ± .1 .XX = ± .05 .XXX = ± .010  ANGLES = ± 1°		DRAWN BY	APRVD. BY	CHK'D BY	DATE	REV	ECO
		DT	MH	LS	03/20/20	C	
DO NOT SCALE DRAWING					SHEET		
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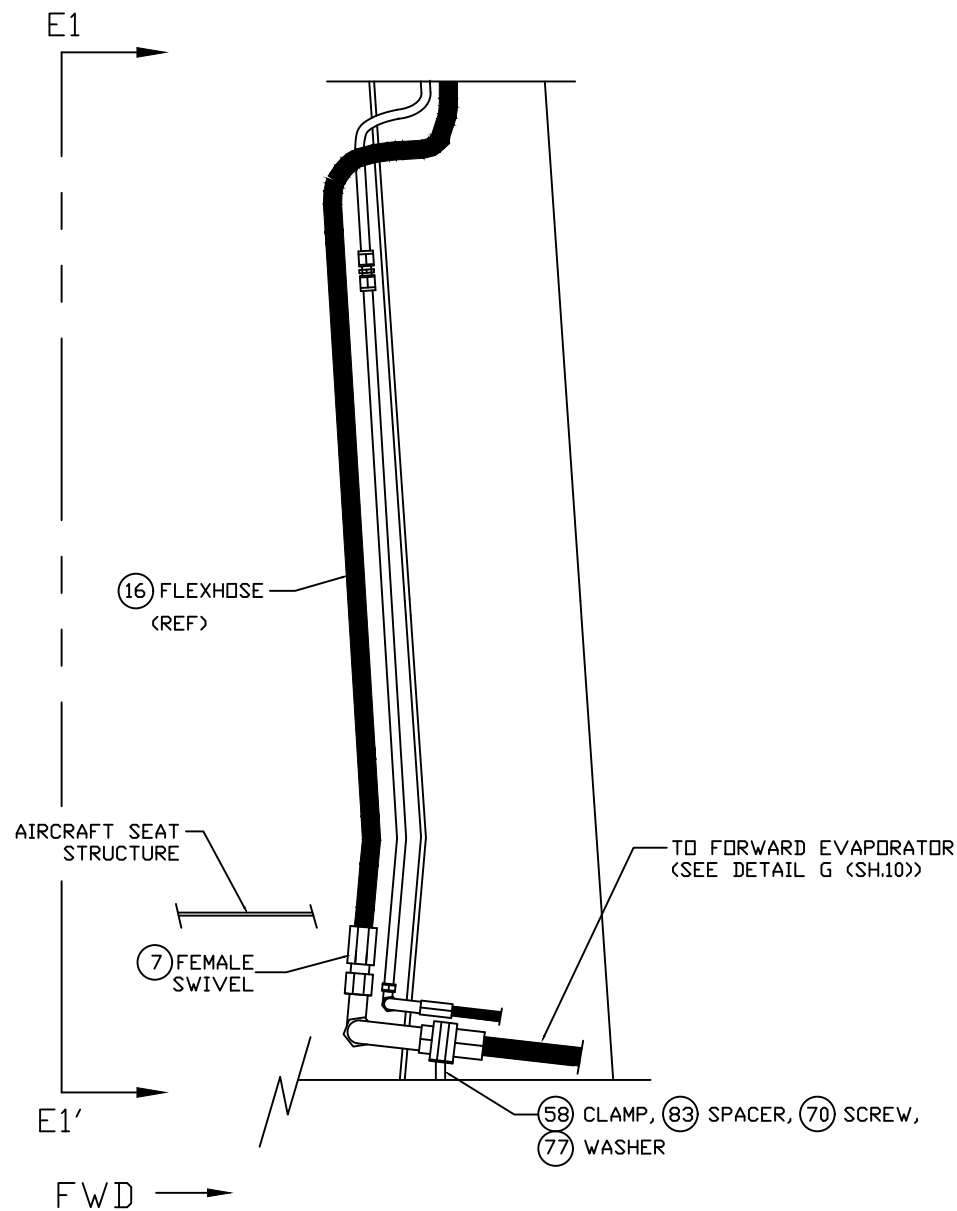
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PROTO

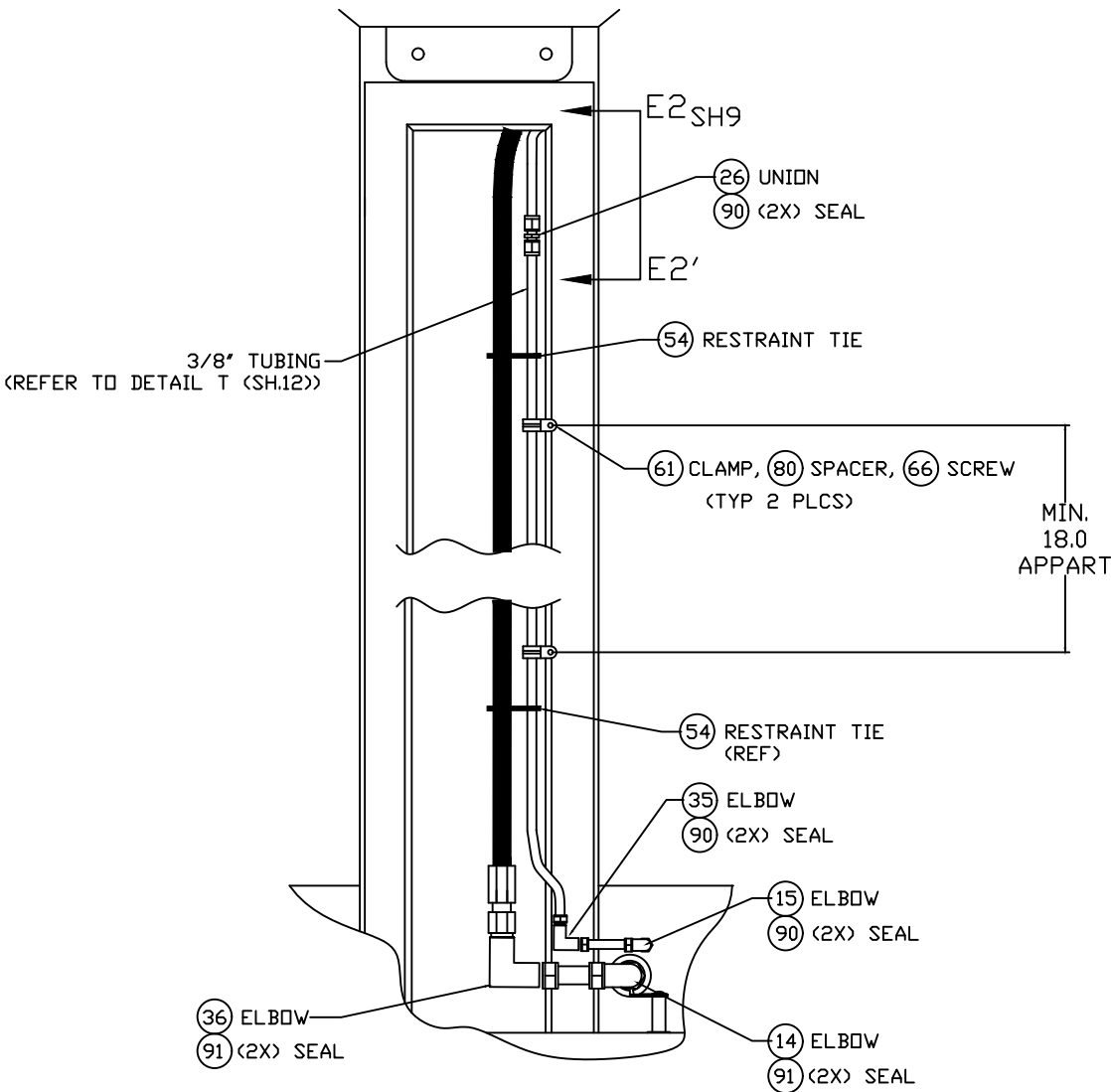
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<div>Paravion® Technology Inc.</div>		TITLE AIR CONITIONING PLUMBING 206L,L1,L3,L4			DRAWING NO. 206AC-523		
DIMENSIONS IN INCHES		DRAWN BY	APRVD. BY	CHK'D BY	DATE	REV	ECO
TOLERANCES EXCEPT WHERE NOTED:  .X = ± .1 .XX = ± .05 .XXX = ± .010  ANGLES = ± 1°		DT	MH	LS	03/20/20	C	
		DO NOT SCALE DRAWING				SHEET  7 OF 12	
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NOTE: TRIM CONTROL TUBE TUNNEL INTERIOR PLENUM  
TO ALLOW TUBE INSTALLATION.



DETAIL E SH1  
(VIEW LOOKING INBOARD  
FROM RIGHT SIDE)



VIEW E1-E1'  
(VIEW LOOKING FORWARD)

-1 INSTALLATION

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PROTO

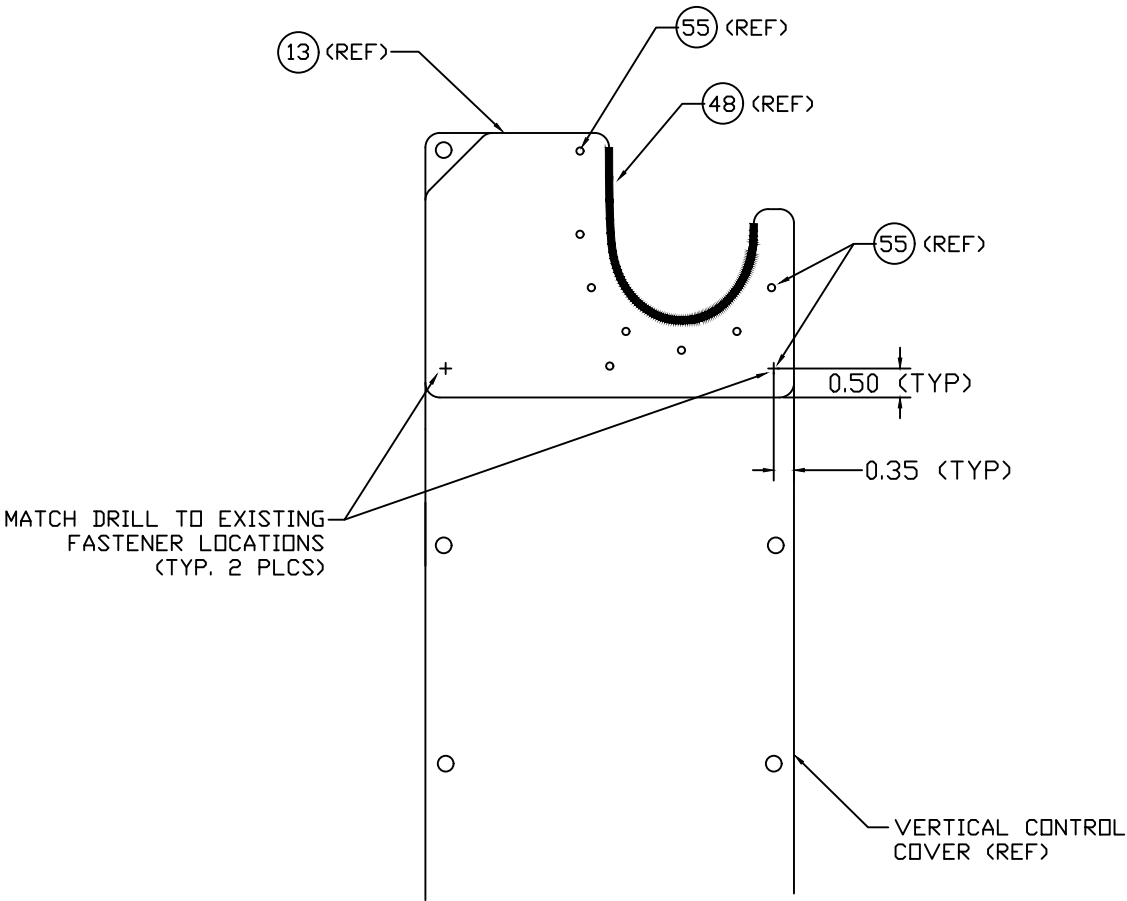
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Paravion® Inc. Technology		TITLE AIR CONDITIONING PLUMBING 206L,L1,L3,L4			DRAWING NO. 206AC-523	
DIMENSIONS IN INCHES		DRAWN BY DT	APRVD. BY MH	CHK'D BY LS	DATE 03/20/20	REV C
TOLERANCES EXCEPT WHERE NOTED:		DO NOT SCALE DRAWING				ECO
.X = ± .1 .XX = ± .05 .XXX = ± .010		© 2022 PARAVION TECH., INC. PARAVION IS A TRADEMARK OF PARAVION TECHNOLOGY, INC.				SHEET 8 OF 12
ANGLES = ± 1°						

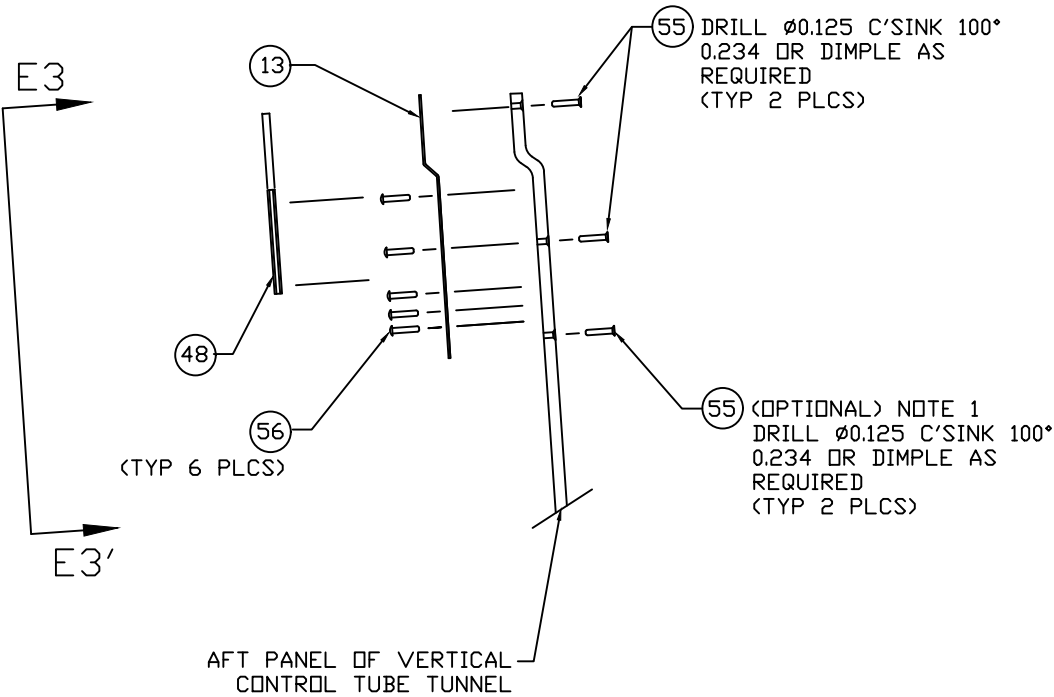


NOTES:

LOCATE THE DOUBLER ON THE TOP OF THE AFT INSPECTION PANEL OF THE VERTICAL CONTROL TUBE TUNNEL FOR BEST FIT. MATCH DRILL Ø0.201 HOLES TO EXISTING FASTENER HOLES ON THE INSPECTION PANEL. MATCH DRILL Ø0.128 HOLES TYPICAL 8 PLACES AND TRIM THE CONTOUR ON THE AFT PANEL TO MATCH DOUBLER. REMOVE, DE-BURR AND INSTALL THE DOUBLER WITH INDICATED HARDWARE. IF NO EXISTING FASTENERS ARE LOCATED TOWARDS THE BOTTOM 1.00 INCH OF THE DOUBLER, MATCH DRILL Ø0.128 HOLES IN THE LOCATIONS MARKED AS X IN VIEW E3-E3. INSTALL OPTIONAL FASTENERS AS SHOWN IN VIEW E2-E2.



VIEW E3-E3'



VIEW E2-E2' SH8

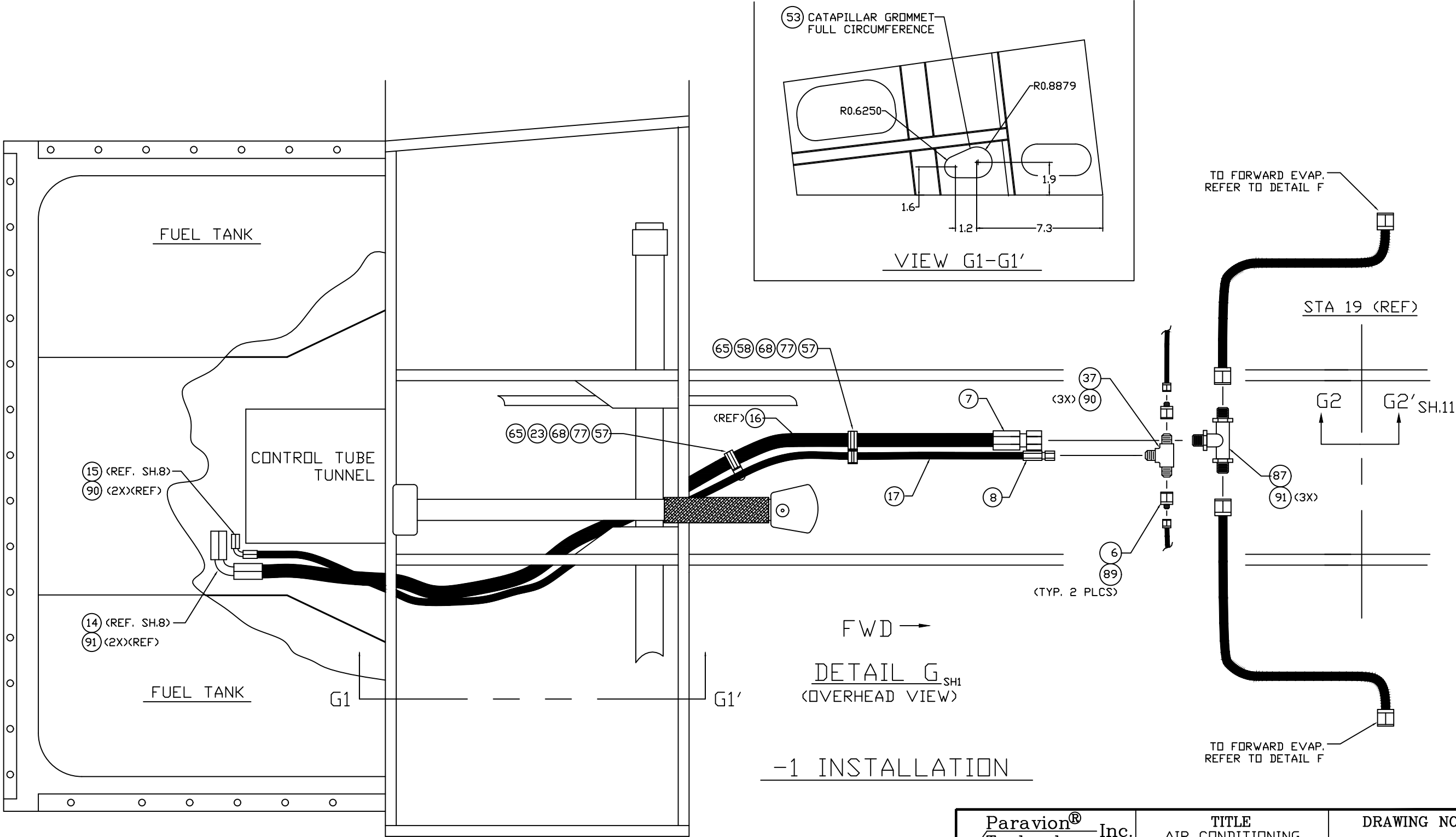
BREAK ALL SHARP EDGES

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PROTO

N/C

Paravion® Technology Inc.		TITLE AIR CONDITIONING PLUMBING 206L,L1,L3,L4		DRAWING NO. 206AC-523		
DIMENSIONS IN INCHES		DRAWN BY DT	APRVD. BY MH	CHK'D BY LS	DATE 03/20/20	REV C
TOLERANCES EXCEPT WHERE NOTED: .X = ± .1 .XX = ± .05 .XXX = ± .010 ANGLES = ± 1°		DO NOT SCALE DRAWING				SHEET 9 OF 12
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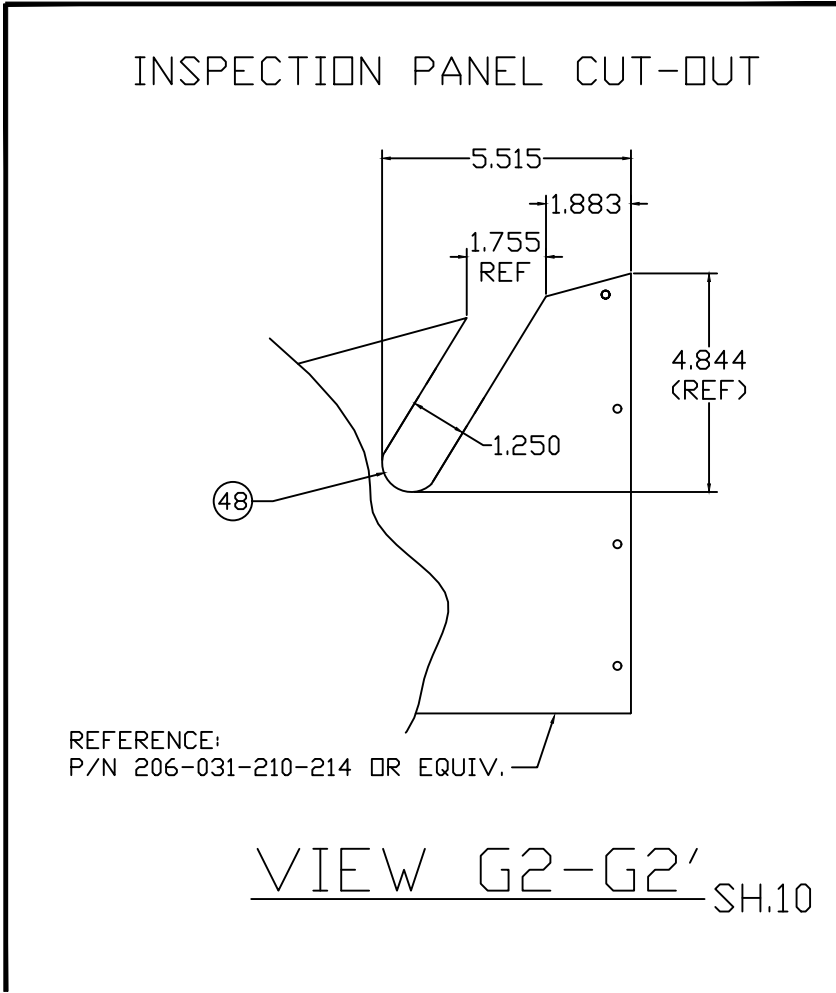
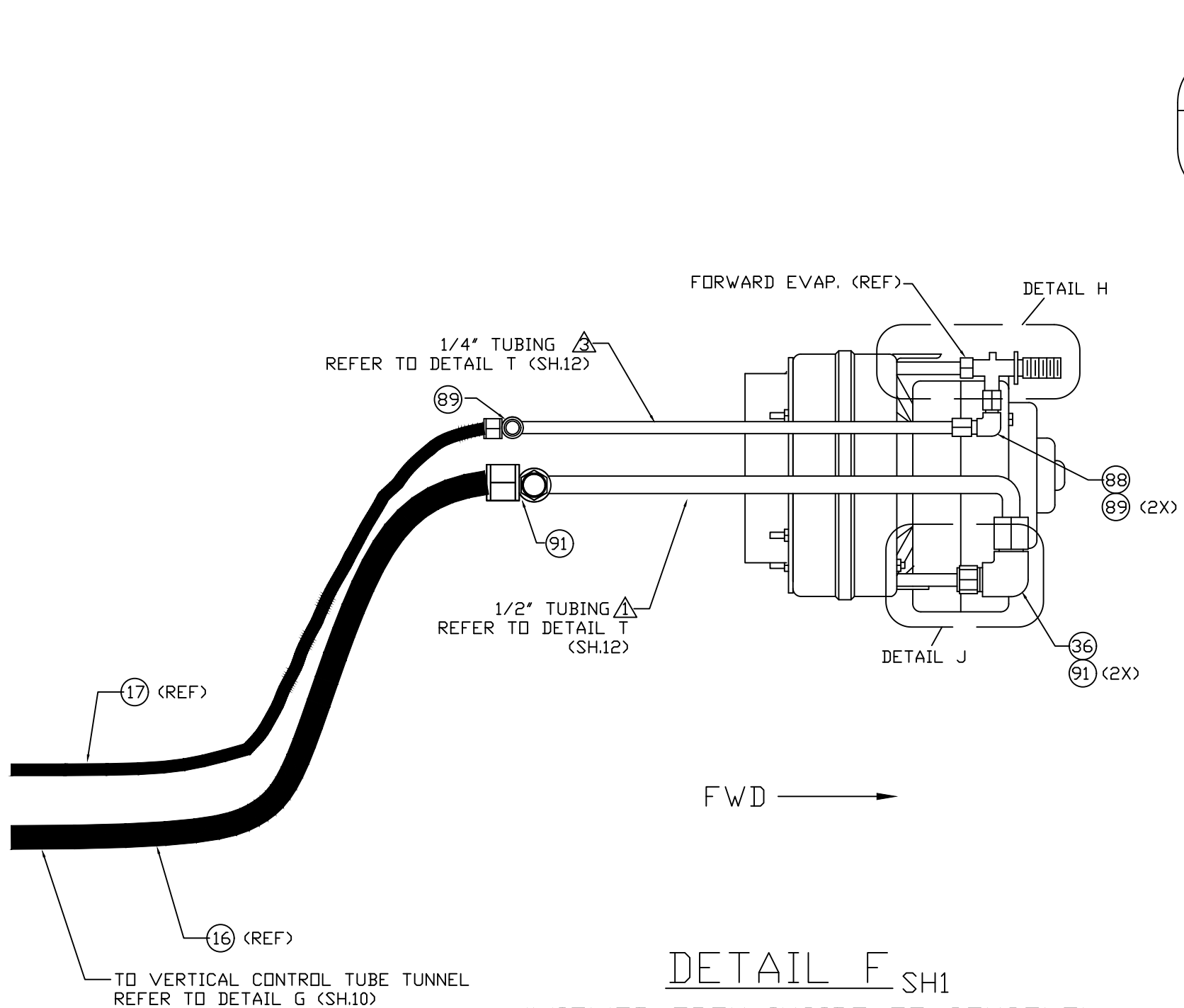


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PROTO

N/C

Paravion® Technology Inc.		TITLE AIR CONDITIONING PLUMBING 206L,L1,L3,L4			DRAWING NO. 206AC-523		
DIMENSIONS IN INCHES		DRAWN BY	APRVD. BY	CHK'D BY	DATE	REV	ECO
TOLERANCES EXCEPT WHERE NOTED:		DT	MH	LS	03/20/20	C	
.X = ± .1							
.XX = ± .05							
.XXX = ± .010							
ANGLES = ± 1°		DO NOT SCALE DRAWING				SHEET	
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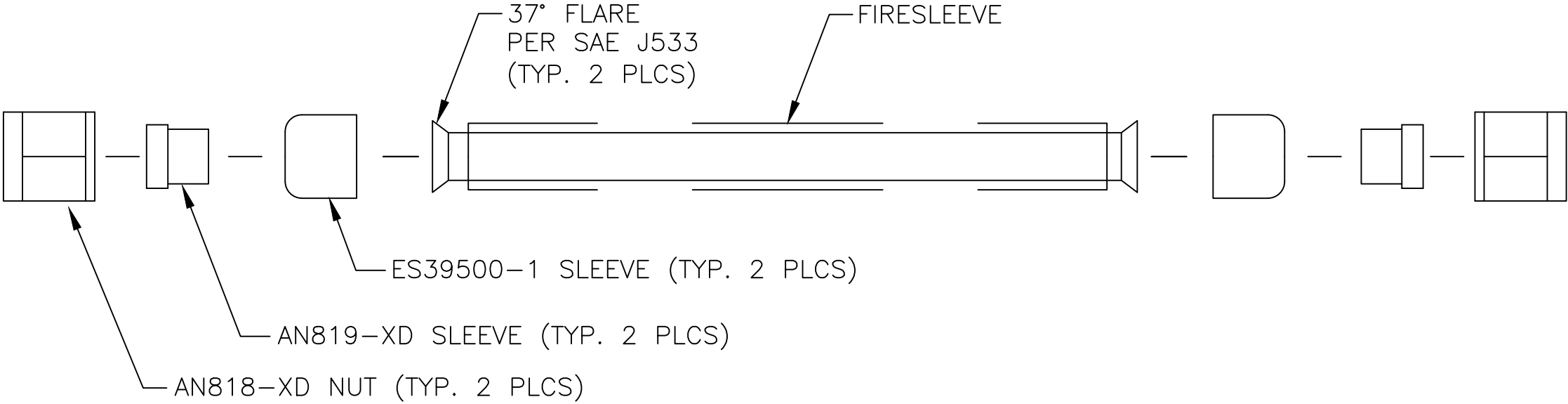
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PROTO

N/C

Paravion® Technology Inc.		TITLE AIR CONDITIONING PLUMBING 206L,L1,L3,L4		DRAWING NO. 206AC-523		
DIMENSIONS IN INCHES		DRAWN BY	APRVD. BY	CHK'D BY	DATE	REV
TOLERANCES EXCEPT WHERE NOTED:		DT	MH	LS	03/20/20	C
.X = ± .1		DO NOT SCALE DRAWING				ECO
.XX = ± .05		© 2022 PARAVION TECH., INC. PARAVION IS A TRADEMARK OF PARAVION TECHNOLOGY, INC.				SHEET
.XXX = ± .010						11 OF 12
ANGLES = ± 1°						

NOTE: ENSURE FIRESLEEVE, FERRULE, SLEEVE, AND NUT ARE PLACED ON TUBE PRIOR TO FLARING



DETAIL T: REFRIGERANT LINE CONSTRUCTION

REFRIGERANT LINE COMPONENTS:

MIN. BEND RADIUS	COMPONENT	SLEEVE	NUT	IF NECESSARY	
				FIRESLEEVE	FERRULE
R1.50	②	③③	③①	④⑦	④⑨
R1.00	①	③②	②⑨		
R1.00	⑧④	⑧⑥	⑧⑤		
R3.00	①⑥				

REFER TO PARKER PUBLICATION NO. 4400-B.1 FOR INSTALLATION OF FLEX-HOSE FITTINGS

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PROTO

N/C

Paravion® Inc. Technology		TITLE AIR CONDITIONING 206L,L1,L3,L4			DRAWING NO. 206AC-523	
DIMENSIONS IN INCHES		DRAWN BY	APRVD. BY	CHK'D BY	DATE	REV
TOLERANCES EXCEPT WHERE NOTED:		DT	MH	LS	03/20/20	C
.X = ± .1 .XX = ± .05 .XXX = ± .010		DO NOT SCALE DRAWING				ECO
ANGLES = ± 1°		© 2022 PARAVION TECH., INC. PARAVION IS A TRADEMARK OF PARAVION TECHNOLOGY, INC.				SHEET 12 OF 12

# Bill of Materials

\*206AC-523-1, REV. C

ITEM #	P/N	DESCRIPTION	QTY	TYP
0	*206AC-523-1, REV. C	PLUMBING INST'N	1	KIT
1	0.375 X 0.035 WALL	5052-0 TUBING	41	FT
2	0.5 X 0.035 WALL	5052-0 TUBING	14	FT
4	10-8 XHX6-S	5/8" TO 1/2" FITTING	1	EA
6	6-4 TRTXN-S	REDUCER (ALT: 0603-6-4)	3	EA
7	20621-8-8	FEMALE SWIVEL	3	EA
8	20621-6-6	FEMALE SWIVEL	1	EA
9	206AC-5018-7	TUBE ASSEMBLY	1	EA
11	206AC-5018-9	TUBE ASSEMBLY	1	EA
12	206AC-5020-1	TUBE ASSEMBLY	1	EA
13	206AC-5030-1	DOUBLER	1	EA
14	23921-8-8	90 DEGREE ELBOW	1	EA
15	23921-6-6	90 DEGREE ELBOW	1	EA
16	285-8	13/32" FLEX HOSE	14	FT
17	285-6	5/16" FLEX HOSE	7	FT
18	407AC-5200-1	HOSE ASSEMBLY	1	EA
19	407AC-5200-3	HOSE ASSEMBLY (ALT: 407AC-5200-2)	1	EA
20	ES45011-1	ELBOW	1	EA
21	4V6X-S	45 DEGREE FITTING (ALT: 6502-4-4)	1	EA
22	80-004-2-8	INSERT	1	EA
23	AN743-12	BRACKET	2	EA
24	AN804-8D	BULKHEAD TEE	1	EA
25	AN815-12D	UNION	1	EA
26	AN815-6D	UNION	3	EA
27	AN815-8D	UNION	2	EA
29	AN818-6D	NUT	22	EA
30	AN818-8D	NUT	14	EA
32	AN819-6D	SLEEVE	22	EA
33	AN819-8D	SLEEVE	14	EA
35	AN821-6D	ELBOW	1	EA
36	AS1034D0808	ELBOW (ALT: AN821-8D)	4	EA

# Bill of Materials

\*206AC-523-1, REV. C

ITEM #	P/N	DESCRIPTION	QTY	TYP
37	AN824-6D	TEE	2	EA
38	AN832-12D	BULKHEAD FITTING	1	EA
39	AN832-6D	BULKHEAD FITTING	2	EA
40	AN832-8D	BULKHEAD FITTING	2	EA
41	AN833-6D	BULKHEAD ELBOW	1	EA
43	AN924-6D	NUT	3	EA
44	AN924-8D	NUT	4	EA
45	AN970-3	WASHER	1	EA
47	BH-9	FIRESLLEEVE	3	FT
48	ES00140-3	EXTRUSION	26	IN
49	ES39500-1	FERRULE	6	EA
51	ES43050-3	DRYER BOTTLE (ALT: ES43050-2)	1	EA
53	MS21266-1N	CATAPILLAR GROMMET (ALT: GM-32)	10	IN
54	T-1223	RESTRAINT TIE	3	FT
55	MS20426AD4-4	RIVET	4	EA
56	MS20470AD4-4	RIVET	6	EA
57	MS21042L3	NUT	20	EA
58	MS21919WDG10	CLAMP	2	EA
60	MS21919WDG12	CLAMP	13	EA
61	MS21919WDG6	CLAMP	13	EA
64	MS21919WDG40	CLAMP	2	EA
65	MS21919WDG8	CLAMP	6	EA
66	MS27039-1-15	SCREW	2	EA
67	MS35207-262	SCREW	3	EA
68	MS35207-263	SCREW	15	EA
69	MS35207-266	SCREW	3	EA
70	MS35207-269	SCREW	2	EA
71	MS35207-270	SCREW	1	EA
72	MS35207-273	SCREW	1	EA
73	MS9592-138	BRACKET	1	EA
74	NAS1149F0963P	WASHER	6	EA



# Bill of Materials

\*206AC-523-1, REV. C

ITEM #	P/N	DESCRIPTION	QTY	TYP
75	NAS1149F1290P	WASHER	10	EA
77	NAS1149F0332P	WASHER	22	EA
78	NAS1149F0363P	WASHER	10	EA
79	NAS43DD3-16FC	SPACER (ALT: NAS43DD3-16)	2	EA
80	NAS43DD3-23FC	SPACER (ALT: NAS43DD3-23)	2	EA
81	NAS43DD3-32FC	SPACER (ALT: NAS43DD3-32)	3	EA
82	NAS43DD3-40FC	SPACER (ALT: NAS43DD3-40)	1	EA
83	NAS43DD3-56FC	SPACER (ALT: NAS43DD3-56)	1	EA
84	0.250 x 0.035 WALL	5052-0 TUBING	3	FT
85	AN818-4D	NUT	4	EA
86	AN819-4D	SLEEVE	4	EA
87	AN824-8D	TEE	1	EA
88	4C6X-S	90 DEGREE ELBOW	2	EA
89	SECO-7A4	SECO SEAL, 1/4" ALUMINUM	15	EA
90	SECO-7A6	SECO SEAL, 3/8" ALUMINUM	30	EA
91	SECO-7A8	SECO SEAL, 1/2" ALUMINUM	37	EA
92	SECO-7A10	SECO SEAL, 5/8" ALUMINUM	5	EA
94	ES06022-2	TAPE	36	IN
95	AN837-8D	45° BULKHEAD FITTING	1	EA
96	407AC-5019-1	TUBE ASSEMBLY	1	EA
97	407AC-5019-2	TUBE ASSEMBLY	1	EA